

C7 Cmcl8

For the assembly of the planetary gear drive 29 shown in Figure 2 and the cover part 23, the gear box 33 has a locking hook 63, which can engage in the locking indentations 64 on the cover part 23, which are shown in Figure 1. When the drive 3 is disengaged, a moment of torsion introduced via the driven shaft 30 is transferred by the planetary gear drive 29 to the sun wheel 28. As a result of the working together of the coupling section 47 of the sun wheel 28 and the wrap spring 32 located in the annular element 34, the wrap spring 32 is expanded and the positive closure between the wrap spring 32 and the annular element 34 is intensified. The radially applied forces are then absorbed by the annular element 34.

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In the claims:

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1. (Twice amended) A tube motor with an electric motor drive with a drive shaft located in a motor housing, a reducing gear with a driven shaft coupled with the drive shaft via a gear input shaft, a gear box supporting the reducing gear and the driven shaft and, for rotary securing of the driven shaft especially when the electric motor drive is disengaged, a wrap-spring brake working against the gear box, characterized in that, mounted free of torsion on the gear box and positioned between the wrap spring and the gear box is an annular element, which diverts into the gear box a moment of torsion introduced by the driven shaft.

2. (Twice amended) The tube motor according to Claim 1, characterized in that inner side of the gear box has an inner toothed and a jacket surface of the annular element facing toward the inner side of the gear box has a corresponding inner toothed.

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4. (Three times amended) A tube motor with an electric motor drive with a drive shaft located in a motor housing, a reducing gear with a driven shaft coupled with the drive shaft via a gear input shaft, a gear box supporting the reducing gear and the driven shaft and wrap-spring brake working against the gear box, characterized in that, positioned between the wrap spring and the gear box is an annular element, which diverts into the gear box a moment of torsion introduced by the driven shaft especially when the electric motor drive is disengaged and the annular element has one of locking hooks and locking indentations on its periphery which can

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be engaged together with one of locking indentations and locking hooks respectively located on the inner side of the gear box.

5. (Three times amended) The tube motor according to Claim 1, characterized in that the reducing gear has a planetary gear drive, while the planetary gear drive has a sun wheel as the gear input shaft.

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7. (Twice amended) A tube motor with an electric motor drive with a drive shaft located in a motor housing, a reducing gear with a driven shaft coupled with the drive shaft via a gear input shaft, a gear box supporting the reducing gear and the driven shaft and a wrap-spring brake working against the gear box, characterized in that, positioned between the wrap spring and the gear box is an annular element, which diverts into the gear box a moment of torsion introduced by the driven shaft especially when the electric motor drive is disengaged and wherein the reducing gear has a planetary gear drive, while the planetary gear drive has a sun wheel as the gear input shaft and the side of the sun wheel facing toward the wrap spring has a plurality of circular lands curved in cross section, around which the wrap spring is positioned.

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11. (Three times amended) The tube motor according to Claim 5, characterized in that the sun wheel has a core, the core and the sun wheel comprising different materials.

12. (Twice amended) The tube motor according to Claim 5, characterized in that the sun wheel has a core and the core has one of a hexagonal cross section and a Torx cross section.

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16. (Twice Amended) The tube motor according to Claim 14, characterized in that at least one cogwheel has a second reducing stage designed as a pinion driving a ring gear.

17. (Three times amended) The tube motor according to Claim 14, including two symmetrically arranged cogwheels, each of which has a second reducing stage and drives a ring gear.

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Claim 13

19. (Three times amended) The tube motor according to Claim 1, characterized in that the electric motor drive, the drive shaft, the motor housing, the reducing gear, the driven shaft, the wrap-spring brake and the gear box can be locked together for the installation of the tube motor.

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Claim 14

20. (New) In a tube motor including an electric motor drive mounted on a drive shaft and located in a motor housing, a reducing gear coupling the drive shaft with a driven shaft via a gear input shaft and a gear box supporting the reducing gear and the driven shaft, the improvement comprising:

a wrap-spring brake including:

a wrap-spring; and

an annular element fixedly mounted in the gear box and surrounding the wrap-spring, the annular element absorbing a moment of torsion resulting from the effort of the driven shaft to rotate opposite a direction of rotation of the electric motor drive.